

CONTROL SIGNAL SYSTEM IN SWITCH

ABSTRACT OF THE DISCLOSURE

A flow control signal system in a switch and a processing method
5 for a flow control signal system to control the data packets transmitted
in network is disclosed. The flow control signal system in a switch
includes an empty buffer counter, N port-packet-counters and N alarm
units therein. And a processing method is also provided, which includes
steps of sending and storing the data packet into a switch, respectively
10 computing the both values of the empty buffer counter and the port-
packet-counters, alarming an alarming state for informing a port in the
switch will be overfilled with the data packets, triggering one of (N-1)
alarm units for stopping other data packets from source ends connected
with the another ports in network to be transported to the switch and
15 running the steps disclosed in the present invention to process the data
packets until all data packets in the switch have been processed.